



MI-CW3707

Michigan Crop Weather

September 17, 2007

Cooler Than Normal

Five days were suitable for fieldwork during the week ending September 16, according to the USDA, NASS, Michigan Field Office. Precipitation varied from 0.32 inches in the southwest Lower Peninsula to 1.32 inches in the east central Lower Peninsula. Average temperatures ranged from 8 degrees below normal in the south central Lower Peninsula to 6 degrees below normal in the eastern Upper Peninsula, northwest, northeast, west central, central, east central, and southeast Lower Peninsula. A farmer in the northwest mentioned that, "Recent rains have stimulated growth in pastures, corn, and hay. Fall pastures will be better than expected earlier." Another respondent in the south central said that, "In visiting with producers, vegetable crop quality was not as good as in past years. Speculation is due to the extremely dry weather experienced in the summer months."

Field Crops

Cooler temperatures returned during the week as crops continued to advance across the State. **Corn** was reported in the mature stage of development in many areas. Silage harvest continued, as harvest of high moisture corn began in some areas. **Soybeans** continued to turn and drop leaves. **Alfalfa** harvest was slowed due to the cooler temperatures, as the third cutting neared completion and a fourth cutting continued in some areas. Harvest of **sugarbeets** began on a limited basis in a few fields. Harvest of early planted **dry beans** continued; later planted beans continued to drop leaves. **Winter wheat** field preparations continued and planting got underway.

Soil moisture for week ending 09/16/07					
Stratum	Very short	Short	Adequate	Surplus	
	Percent	Percent	Percent	Percent	
Topsoil	4	16	79	1	
Subsoil	9	35	56	0	

Crop condition for week ending 09/16/07					
Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	8	25	28	35	4
Corn	16	21	34	27	2
Dry beans	4	16	59	20	1
Pasture	8	24	35	25	8
Soybeans	6	19	39	32	4

Fruit

Gala and Honeycrisp **apple** harvests were wrapped up, and picking of **Jonathans** began. Niagara **grape** harvesting was finished and **Concord** harvesting was about to begin.

Vegetables

Vegetable harvest continued with cooler temperatures and precipitation across the State. Disease problems increased due to rains over the previous month. **Carrot** and **celery** harvest continued. **Potato** harvest for fresh market and processing continued. **Sweet corn** harvesting was active. Early **pumpkin** and **winter squash** harvest continued. **Watermelon** harvest was underway in the southeast. **Tomato**, **pepper**, and **eggplant** harvest continued. **Onion**, **leek**, and **beet** harvest continued. **Cabbage** and other **cole crop** harvest continued. **Snap bean** harvest was in full swing.

Crop progress for week ending 09/16/07

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, third cutting	80	66	88	79
All hay, fourth cutting	17	9	23	18
Apples, harvested	28	14	20	NA
Corn, dent	86	76	91	74
Corn, mature	45	21	37	24
Corn, harvested	2	0	1	2
Corn silage, harvested	61	39	63	45
Dry beans, turning leaves	97	84	100	96
Dry beans, dropping leaves	76	47	95	79
Dry beans, harvested	33	20	31	25
Potatoes, harvested	37	25	36	NA
Soybeans, turning leaves	64	38	71	70
Soybeans, dropping leaves	26	7	32	34
Sugarbeets, harvested	1	0	2	0
Winter wheat, planted	2	1	1	6



Michigan Weather Summary for Week Ending 09/16/07¹

Station	Temperature			Cumulative growing degree days ²			Precipitation				
	Maximum	Minimum	Departure from normal	2007	2006	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal
									Since April 1	For month	
Ironwood	64	28	Western UP	2,171	2,173	1,816	0.53	2.52	3.30	11.93	
Marquette	66	31		2,049	1,984		0.35	5.17	5.85	16.82	
Stephenson	76	28		2,311	2,240		0.33	0.33	0.34	7.39	
	76	28		2,168	2,120		0.57	2.76	3.47	10.74	18.36 3.58
Cornell	69	35	Eastern UP	2,226	2,158	1,604	1.01	2.40	3.49	13.67	
Sault St Marie	66	35		2,019	2,032		1.23	2.63	3.37	10.82	
	70	32		2,035	2,005		1.10	3.32	4.33	13.97	17.20 3.55
Beulah	73	42		2,414	2,352		0.64	1.06	1.99	13.99	
Lake City	70	29	Northwest	2,270	2,195	2,062	0.44	1.35	3.05	14.20	
Old Mission	74	40		2,313	2,285		0.49	0.65	2.24	9.40	
Pellston	73	32		2,215	2,236		0.53	2.38	3.39	10.76	
	74	29		2,270	2,209		0.64	1.34	2.48	11.94	16.17 3.66
Alpena	72	33	Northeast	2,275	2,272	1,997	0.64	1.27	3.15	15.62	
Houghton Lake	71	31		2,283	2,273		0.77	0.88	2.83	14.37	
Rogers City	72	33		2,246	2,333		0.74	1.28	3.56	15.82	
	73	31		2,263	2,268		0.74	1.23	3.54	15.34	16.18 3.47
Fremont	71	35	West Central	2,522	2,533	2,251	0.39	0.82	3.38	14.42	
Hart	71	38		2,411	2,372		0.35	1.06	2.96	11.70	
Muskegon	70	39		2,611	2,585		0.44	1.51	3.43	15.12	
	71	35		2,469	2,463		0.37	1.01	2.94	14.07	16.45 3.19
Alma	74	39	Central	2,643	2,535	2,323	0.81	1.03	2.96	17.00	
Big Rapids	74	34		2,397	2,361		0.76	1.32	2.70	19.19	
	74	32		2,520	2,462		0.71	1.05	2.75	15.54	17.22 3.09
Bad Axe	72	40		2,485	2,446		1.28	2.43	4.84	13.96	
Pigeon	73	36	East Central	2,386	2,404	2,326	1.52	2.14	4.16	14.00	
Saginaw	72	36		2,645	2,597		1.17	1.61	4.84	18.74	
Standish	74	31		2,396	2,374		0.97	1.01	2.92	14.61	
	74	31		2,447	2,467		1.32	1.95	4.41	15.72	15.32 2.70
Fennville	73	37	Southwest	2,575	2,488	2,531	0.32	0.35	1.38	13.70	
Grand Rapids	75	39		2,904	2,758		0.38	0.53	3.31	16.63	
Holland	74	37		2,817	2,735		0.31	0.31	2.17	15.34	
South Bend, IN	77	40		3,021	2,813		0.26	1.09	3.80	23.37	
Watervliet	74	38	South Central	2,770	2,705	2,486	0.33	0.65	3.34	18.28	
	77	35		2,758	2,643		0.32	0.70	3.36	18.40	17.65 3.26
Belding	73	33		2,536	2,521		0.45	0.74	4.38	13.85	
Coldwater	72	36		2,605	2,586		0.59	1.77	5.13	17.90	
Lansing	72	37	Southeast	2,711	2,659	2,485	0.67	1.33	4.56	17.76	
	81	33		2,648	2,652		0.47	1.61	5.03	17.96	17.47 2.79
Detroit	74	41		2,953	2,963		0.56	1.13	4.56	17.82	
Flint	72	36		2,678	2,554		0.71	1.00	4.06	18.35	
Romeo	73	36	Southeast	2,630	2,688	2,485	0.53	1.20	4.29	22.38	
Tipton	74	37		2,668	2,648		0.36	0.92	3.66	21.59	
Toledo, OH	76	35		2,893	2,950		0.18	1.21	1.80	25.57	
	76	32		2,692	2,745		0.46	1.26	4.20	19.66	16.77 2.43

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.